GOLOSOVA, N.A.; LEMENEV, L.M.; LITINSKIY, A.M.; LOKSHINA, R.D.; SEMENOVA, T.D.; TARASOVA, L.G.; TOL'TSMAN, T.I., dots.; STETSYUK, A.M., red.; SENCHILO, K.K., tekhn. red.

[Manual on the organization of pharmaceutical service] Uchebnik organizatsii farmatsevticheskogo dela. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 419 p. (MIRA 14:8)

(DRUGSTORES)

STETSYUK, A.M.

First two years of the 7-year plan for drugstores in R.S.F.S.R. (MIRA 14:7)
Apt. delo 10 no.3:3-7 My-Je '61.

1. Nachal'nik Glavnogo aptechnogo upravleniya Ministerstva zdravookhraneniya RSFSR.

(DRUGSTORES)

STETSYUK, A.M.

Results of the work of the pharmacy network in the R.S.F.S.R. in 1961. Apt.delo 12 no.3:13-18 My-Je '62. (MIRA 16:1)

1. Glavnoye aptechnoye upravleniye Ministerstva zdravookhraneniya RSFSR.

(PHARMACY)

KLYUYEV, M.A.; STETSYUK, A.M.

Pharmacy in Norway. Apt.delo 12 no.3:76-80 My-Je '62.
(MIRA 16:1)

(NORWAY--PHARMACY)

STETSYUK, A.M.

Some results of the activity of pharmaceutical institutions in the R.S.F.S.R. from 1960 to 1962. Apt. delo 12 no.4:18-24 Jl-Ag '63. (MIRA 17:2)

BLAGOVIDOVA, Yu.A., dots., otv. red.; MEL'NICHENKO, A.K., zam. otv. red.; GAMMERMAN, A.F., prof., red.; KUTUMOVA, Ye.N., red.; SEDOVA, K.D., kand. farm. nauk, red.; SENOV, P.L., prof., red.; SIDORKOV, A.M., red.; STETSIUK, A.M., red.; SHILOV, Yu.M., kand. farm. nauk, red.; KHALETSKIY, A.M., prof., red.

[Materials of the Second All-Union Conference of Pharmacists] Materialy Vtoroi Vsesoiuznoi konferentsii farmatsevtov. Moskva, Medgiz, 1961. 394 p. (MIRA 17:7)

1. Vsesoyuznaya konferentsiya farmatsevtov, 2d, Leningrad, 1959. 2. Kafedra tekhnologii lekarstv I Moskovskogo meditsinskogo instituta im. I.M.Sechenova (for Blagovidova). 3. Direktor Tsentral'nogo aptechnogo nauchno-issledovatel'skogo inst[illegible] (for Kutumova). 4. Zaveduyushchiy kafedroy farmatsevticheskoy khimii I Moskovskogo meditsinskogo instituta imeni I.M.Sechenova (for Senov). 5. Zamestitel' direktora po nauchnoy chasti TSentral'nogo aptechnogo nauchno-issledovatel'skogo instituta (for Shilov).

ACCESSION NR: AP4030379 S/0145/64/000/002/0090/0097

AUTHOR: Stetsyuk, D. V. (Engineer)

TITLE: Flow velocity field studies in fluids by the ultramicroscopic method

SOURCE: IVUZ. Mashinostroyeniye, no. 2, 1964, 90-97

TOPIC TAGS: velocity field, hydrodynamic microscope, objective lens, ultramicroscope, optical anemometer, rotating mirror, centrifugal pump, pitot pressure

ABSTRACT: The operation principles of a hydrodynamic microscope the objective lens of which rotates in the flow direction, keeping the moving particle (the flow) in its field of observation, is described, and its inherent shortcomings are presented. In particular, the microscope has a limitation in the low velocity range fixed by the minimum rotation rate of the disk with a single objective. A new ultramicroscope, or an optical anemometer, is described which overcomes all the shortcomings of the above hydrodynamic microscope. The difference lies in the fact that instead of letting the objective rotate to stop the image of the flowing fluid, the reflection is captured from a rotating mirror placed between the objective and the flow field (see Fig. 1 on the Enclosure). The flow field particle velocity observed in the plane of the objective can be related to the magnification V_{ob}, ω and r

Card 1/3

ACCESSION NR: AP4030379

(see Fig. 1) by $$v = \frac{2\pi r}{V_{\varphi 1}} = \frac{2 \cdot 2\pi r}{60 V_{\varphi 1}} n = Kn .$$

The instrument is calibrated on the mirror rotation angle such that the scaling factor K can be given by

$$K = \frac{360}{60 \cdot 1000} \frac{1}{\varphi} = 0{,}006 \frac{1}{\varphi} .$$

The instrument can measure velocities in the range 1-100 m/sec. As an example, the flow field in the impeller of a centrifugal pump was measured and the results compared to pitot pressure measurements. Both results showed a very good overlap, thus making the optical anemometer a useful tool for flow measurements without disturbing the flow field itself. Orig. art. has: 17 formulas and 4 figures.

ASSOCIATION: Moskovskiy aviatsionnyy institut (Moscow Aviation Institute)

SUBMITTED: 06Aug62 ENCL: 01

SUB CODE: ME NO REF SOV: 008 OTHER: 002

Card 2/3

ACCESSION NR: AP4030379

ENCLOSURE: 01

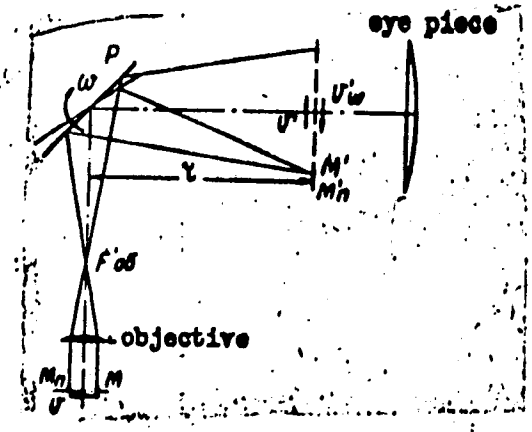


Fig. 1. Schematic of optical anemometer operation.

Card 3/3

STETSYUK, G. A., DUB, Ye.M., KARAKIS, L. V. and SOBOLEV, A. A.

"The Experience With Aviation Spraying For the Purpose of Extermination of Insects in Forests", Military-Medical Journal No. 8, p 65, 1955.

STETSYUK,G.I., inzhener; UL'YANOVA,A.D.

[Rapid metal cutting with V.A.Kolesov large feed method; a bibliography] Skorostnoe rezanie metallov s bol'shimi podachami po metodu V.A.Kolesova; bibliograficheskii ukazatel'. Kiev, 1954. 40 p. (MLRA 9:2)

1. Akademiya nauk URSR, Kiev. Biblioteka.
(Bibliography--Metal cutting)

STETSYUK, O.I. [Stetsiuk, H.I.]; UL'YANOVA, A.D.; DANILEVSKIY, V.V., akademik, red.; LIMMER, R.B., bibliogr.red.; ZIL'BAN, M.S., red.izd-va; RAKHLINA, N.P., tekhn.red.

[History of technology; a bibliography of literature published in the Ukraine from 1946 to 1955] Istoriia tekhniky; bibliografichnyi pokazhchyk literatury, shcho vyishla na Ukraini v 1946-1955 rr. Pid red. V.V.Danylevs'koho. Kyiv, Vyd-vo Akad.nauk URSR, 1959. 96 p. (MIRA 12:10)

1. Akademiya nauk USSR. Kiyev. Biblioteka. 2. AN USSR (for Danilevskiy).
(Bibliography--Ukraine--Technology)
(Ukraine--Bibliography--Technology)

STETSYUK, I.V.

Protective bushing of the shaft neck of beet washers. Sakh. prom. 31 no.2:47 F '57. (MLRA 10:4)

1. Sakharnyy zavod "Kreshchatik"
(Sugar industry--Equipment and supplies)

STETSYUK, L.; PARSHIN, M.; YEPIFANTSEV, A.

Traffic organization and safety. Avt.transp. 42 no.1:44-45 Ja '64. (MIRA 17:2)

1. Nauchno-issledovatel'skiy institut avtomobil'nogo transporta.

24 (3) SOV/112-59-1-149

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 1, p 16 (USSR)

AUTHOR: Karmen, K. N., and Stetsyuk, L. F.

TITLE: Dispersion of the Permittivity of Barium Titanate in the Audio-Frequency Range

PERIODICAL: Uch. zap. Shakhtinsk. gos. ped. in-t, 1957, Vol 2, Nr 3, pp 42-48

ABSTRACT: For considerable-loss conditions in a scheme used for dielectric-hysteresis curve plotting, the value of the resistor connected in parallel with the reference capacitor was selected on the basis of similarity between the hysteresis curves obtained by ballistic and oscillographic methods. For a field intensity within 2,000-500 v/cm and the sample thickness of a few tenths of mm, the $\Delta\mathcal{E}/\mathcal{E}$ value is about 20% within the frequency range $20 - 2 \times 10^4$ cps. If graphite electrodes are laid upon a ground-surface sample, the value of $\mathcal{E}$ increases in a few minutes; however, with higher frequencies this value quickly falls off and can amount to 60% at 5 kv/cm. For a few days, $\mathcal{E}$ would gradually

Card 1/2

Dispersion of the Permittivity of Barium Titanate in the Audio-Frequency Range

decrease approaching its initial value. A more rapid fall-off of ε with rising frequency also occurs with higher field intensities (up to 12 kv/cm). The value is associated with both domain structure and next-to-electrode layer conditions; it also depends on the preceding state of the ferroelectric. Bibliography: 8 items.

D.M.K.

STETSYUK, L.S.; PARSHIN, M.A.; KARPINSKAYA, I.M.; YEPIFANTSEV, A.T.; DEBERDEYEV, B.S., red.; BODANOVA, A.P., tekhn. red.

[Road adhesion of wheels and traffic safety] Stseplenie kolesa s dorogoi i bezopasnost' dvizheniia. Moskva, Avtotransizdat, 1963. 66 p. (MIRA 17:3)

STETSYUK, L.S.; PARSHIN, M.A.

Organize regular inspection of roughness in surfacing. Avt. dor. 27 no. 3:4-5 Mr '64. (MIRA 17:5)

KLINKOVSHTEYN, G.I., kand. tekhn. nauk,; AKSENOV, V.A., inzh.; SARKIS'YANTS, E.G., inzh.; SHUMOV, A.V., inzh.; MANUSADZHYANTS, Zh.G., inzh.; TROSHINA, M.Ya., inzh.; STETSYUK, L.S., inzh.; PARSHIN, M.A., inzh.; KARPINSKAYA, I.M., inzh.; FAL'KEVICH, B.S., doktor tekhn. nauk; ILARIONOV, V.A., kand. tekhn. nauk; POLTEV, M.K., inzh.; KOGAN, E.I., inzh.; CHIGARKO, G.T., inzh.; KONONOVA, V.S., red.

[Traffic safety and safety measures in automotive transportation] Bezopasnost' dvizheniia i tekhnika bezopasnosti na avtomobil'nom transporte. Moskva, Transport, 1964. 74 p. (MIRA 18:1)

1. Moscow. Gosudarstvennyy nauchno-issledovatel'skiy institut avtomobil'nogo transporta. 2. Moskovskiy avtomekhanicheskiy institut (for Fal'kevich). 3. Moskovskiy avtomobil'no-dorozhnyy institut imeni Molotova (for Ilarionov). 4. Vsesoyuznyy zaochnyy politekhnicheskiy institut (for Poltev).

KRINOSHEYEV, S.V.; ZISMAN, I.F.; STETSYUK, V.A.

Lymphosarcoma of the stomach (3 observations). Vop.onk. 6 no.2: 90-93 F '60. (MIRA 14:2)

(STOMACH—CANCER)

KHMEL'NITSKIY, L.Ye.; STETSYUK, V.A., inzh.

Use of hollow blocks in deep-sea mooring installation. Transp. stroi. 15 no.9:20-22 S '65. (MIRA 18:11)

1. Chernomorniiproyekt (for Stetsyuk).

PASS, A.Ye., inzh.; STETSYUK, V.Ye., assistent

Laboratory for the study of microclimate in ship spaces. Biul. tekh.-ekon. inform. Tekh.upr.Min.mor.flota 7 no.10:83-85 '62. (MIRA 16:9)

1. Odesskoye vyssheye inzhenernoye morskoye uchilishche.
(Ships—Heating and ventilation)
(Research, Industrial--Laboratories)

STETSYUK, V.Ye.

Physicomechanical properties of raw sugar. Sakh.prom. 36 no.5:23-27 My '62. (MIRA 15:5)

1. Odesskoye vyssheye inzhenernoye morskoye uchilishche. (Sugar) (Materials handling)

STETSYUK, V.Ye.

Heat transfer coefficients for unrefined cane sugar. Inzh.-fiz. zhur. 6 no.4:86-87 Ap '63. (MIRA 16:5)

1. Vyssheye inzhenernoye morskoye uchilishche, Odessa.
(Sugar—Thermodynamic properties)

STETSYUK, V.Ye.

Hygroscopic properties of unrefined cane sugar and conditions for their storage. Sakh.prom. 38 no.1:27-29 Ja '64. (MIRA 17:2)

1. Odesskoye vyssheye inzhenernoye morskoye uchilishche.

STETSYUK, Ye.N.

Manufacture of parquet floor boards by the Kostopol Housing Construction Combine. Der.prom. 10 no.11:20-22 N '61. (MIRA 14:10)

1. Kostopol'skiy domostroitel'nyy kombinat.
(Kostopol--Parquet floors)

PETROV, Georgiy L'vovich; BUROV, Nikolay Grigor'yevich; STETSYURA, A.I., inzh., retsenzent; GREBNEV, R.L., inzh., retsenzent; BILIBIN, P.F., inzh., retsenzent; BONDIN, I.N., inzh., red.; DUDUSOVA, G.A., red.izd-va; SHCHETININA, L.V., tekhn.red.

[Equipment and techniques of gas welding and cutting] Oborudovanie i tekhnologiia gazovoi svarki i rezki. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 263 p. (MIRA 12:8)
(Gas welding and cutting)

TSUKERMAN, A.M.; STETSYURA, G.G.

Concerning the automation of the conversion of the names of organic compounds to a standard form, and the conversion of structural formulas to systematic names. Soob. LEM AN SSSR no.1:241-248 '60. (MIRA 15:2)

(Chemistry, Organic)
(Information theory)

81393

S/020/60/132/06/18/068
B014/B007

16.6800

AUTHOR: Stetsyura, G. G.

TITLE: A New Construction Principle for Memory Devices

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 132, No. 6, pp. 1291 - 1294

TEXT: In the present paper a construction principle for parallel-action memory devices is suggested, which permits a quick finding of information. On the basis of set-theoretical considerations the operations for the search for information, and then the memory devices, by which these operations are realized, are discussed. The function of the recording medium is described on this occasion, and the tasks to be performed by the "transfluxor" are dealt with. The two principal cases in searching for information are studied. In the case of the first, only one, and in the second, several informations are obtained at the same time. For the purpose of illustrating the possibilities offered by the memory system suggested, the solution of the problems in the search for informations containing numerical parameters within a preset range is discussed.

Card 1/2

Card 2/2

STETSYURA, I. A.

USSR/Engineering - Gas Cutting Feb 52

"Cutting Metals with Coke-Oven Gas," I.A. Stetsyura, Engr, Dnepropetrovsk Welding Tech School

"Avtogen Delo" No 2, pp 23, 24

Discusses possibility of substituting coke-oven gas for acetylene, decreasing costs of gas cutting operation by 20-25%. Describes procedure for purification of coke-oven gas by cooling or by passing through special purifying installation.

212T21

STETSYURA, Vasiliy Kuz'mich [Stetsiura, V.K.]; GAK, D.V. [Hak, D.V.], dotsent, kand.ekon.nauk, glavnyy red.

[Ukrainian economic councils in the struggle for carrying out the seven-year plan] Radnarhospy Ukrainy v borot'bi za vykonannia semyrichky. Kyiv, 1959. 46 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser.1, no.35) (MIRA 13:1)
(Ukraine--Economic policy)

KLIMOV, Igor' Vasil'yevich; [illegible], Vasiliy Grigor'yevich; SHEVSHURENKO, Pavel Ivanovich; KAPLAN, I.A., dots., otv. red.; NAZARENKO, L.M., red.; MEDVEDENKO, A.S., red.

[Textbook on mathematics for students enrolling in technical schools] Posobie po matematike dlia postupaiushchikh v tekhnikumy. Khar'kov, Izd-vo Khar'kovskogo gos. univ. 1964. 184 p. (MIRA 17:2)

1. Khar'kovskiy stroitel'nyy tekhnikum (for Kaplan).

STETTNER, Zbigniew

Effect of bean diet on acid-base equilibrium in the blood in humans. Pat. polska 7 no.3:219-229 July-Sept 56.

1. Z III Kliniki Chorob Wewnetrznych A.M. we Wroclawiu, Kierownik: prof. dr. E. Szczeklik, Adres: Wroclaw, III Klinika Chor. Wewn., Pasteura 4.

(BEANS,
eff. of bean diet on blood acid-base equilibrium (Pol))
(ACID-BASE EQUILIBRIUM,
same)

AFANASYUK, I.N.; KOBYAZOV, G.I.; [illegible], N.G.; [illegible], S.V.; STETYUKEVICH, I.F.; KHODIN, A.I.

Automatic proportioning and simultaneous application in layers of the facing and backing sand on the pattern. Lit. proizv. no.6: 6-8 Je '64. (MIRA 18:5)

STETYUKHA, L.S.

[Design of women's light garments and underwear] Konstruirovanie zhenskogo legkogo plat'ia i bel'ia. Izd. 3., popor. i dop. Moskva, Goslegpishcheprom, 1953. 362 p. (MLRA 8:8)
(Clothing industry)

SHEVTSOVA, L. T.

Technology

Konstruirovanie zhenskogo legkogo plat'ia i bel'ia (Manufacture of light-weight clothing and lingerie for women). 2-oe Izd. Moskva, Gizlegprom, 1951. 247 p.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

STETYUKHA, L.T.

[Designing women's light dresses and underwear] Konstruirovanie zhenskogo legkogo plat'ia i bel'ia. Izd. 3-e, ispr. i dop. Moskva, Gizlegprom, 1954. 363 p. (MLRA 7:11D)

STETYUKHA, P.N., kranovshchik

Make better use of portal electric cranes. Rech.transp. 17 no.9:54 S '58. (MIRA 11:11)

1. TSimlyanskiy port.
(Cranes, derricks, etc.)

STETYUKHA, V.I.; PIVOVAROV, V.T.

Basic characteristics of the changes in the physical properties of rocks of argillaceous facies in northeastern Ciscaucasia as related to the depth of occurrence. Azerb. neft. khoz. 41 no.12: 8-10 D '62. (MIRA 16:7)

(Caucasus, Northern--Clay)

STETYUKHA, YE. I.

"Establishing the Most Important Factors Influencing the Mechanical Speed of Drilling Wells More Than 3,000 Meters Deep." Cand Tech Sci, Moscow Order of Labor Red Banner Petroleum Instimeni Academician I. M. Gubkin, Moscow, 1955. (KL, No 7, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

STETYUKHA, Ye.I.

Change of some drilling characteristics in relation to depth.
Azerb.neft.khoz. 35 no.3:18-20 Mr '56. (MLRA 9:10)

(Oil well drilling)

14(5) SOV/92-58-9-27/36

AUTHOR: Stetyukha, E.I., Candidate of Technical Sciences

TITLE: Simplification of Oil Well Construction (Uproshcheniye Konstruktsii skvazhin)

PERIODICAL: Neftyanik, 1958, Nr 9, pp 27-28 (USSR)

ABSTRACT: The author states that for a considerable time drillers were of the opinion that the small size of drilling tools lowers indices characterizing the drilling operations. While drillers were right from the technical point of view, they were wrong if one analyzes operational indices not only from the technical, but also from the economic standpoint. The use of small size bits, drills and pipes makes it possible to simplify oil well construction, to reduce the required quantity of such material as metal, cement, chemical reagents, etc. Figures of Table 1 characterize results of rotary and turbine drilling, carried out under difficult geological conditions in the Kapabulak region at Groznyy, and confirm that much better operational indices are obtained at

Card 1/2

certain oil well intervals where small size drilling tools are used. Moreover, the use of small size tools cuts the time of such auxiliary operations as chemical treatment of the drilling mud, the increasing of its gravity, etc. Table 2 clearly indicates that the simplification of the oil well construction increases the mechanical and commercial drilling speed and reduces the cost of the footage drilled. It is clear therefore that technical and economic indices of drilling operations can be improved by simplifying oil well construction. There are 2 tables.

ASSOCIATION: Groznenskiy neftyanoy institut (The Groznyy Petroleum Institute)

STETYUKHA, Ye.I.

Principal factors determining the drilling rate in extra-deep well sinking. Izv.vys.ucheb.zav.; neft' i gaz 1 no.9:47-51 '58.
(MIRA 11:12)

1. Groznenskiy neftyanoy institut.
(Oil well drilling)

SUKHRAREV, G.M.; STETYUKHA, Ye.I.

Fortieth anniversary of the Groznyy Petroleum Institute.
Izv. vys. ucheb. zav.; neft' i gaz 3 no.5:3-9 '60. (MIRA 15:6)
(Groznyy--Petroleum research)

STETYUKHA, Ye.

"Calculations of oil production methods and techniques" by K.G. Orkin, P.K.Kuchinskii. Reviewed by E.Stetiukha. Neft.khoz. 38 no.8:71-72 Ag '60. (MIRA 13:8)
(Oil fields--Production methods)
(Orkin, K.G.)
(Kuchinskii, P.K.)

STETYUKHA, Ye.I.; PIVOVAROV, V.T.; LYSHKO, N.A.

Relationship between the density, specific weight, and porosity of rocks. Izv. vys. ucheb. zav.; neft' i gaz 4 no.11:23-27 '61. (MIRA 17:2)

1. Groznenskiy neftyanoy institut.

S/152/61/000/004/001/009
B126/B219

AUTHOR: Stetyukha, Ye. I.

TITLE: XI. Summarizing scientific and technical conference of the Groznenskiy neftyanoy institut (Groznyy Petroleum Institute)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Neft' i gaz, no. 4, 1961, 38 and 46

TEXT: This conference began on January 30, 1961; the opening speech was held by Professor G. M. Sukharev; altogether, 83 reports were heard. At the plenary session, Docent Ye. P. Kireyev reported on the subject "Declaration of the conference of the representatives of the communist and workers' parties as a campaign of the worldwide communist movement"; Docent B. A. Sinyukayev spoke on the subject "The present positivism as an enemy of science", and Docent L. M. Umanskiy on "Economy and technical progress in the petroleum industry". The sessions were then held according to the various sections. 17 reports were presented to the geological section, pointing out the great achievements in the study of the geological evolution in various regions, e.g. the mesocainozoic in

Card 1/4

XI. Summarizing scientific...

Stavropol'ye, Checheno-Ingushetiya and Dagestan, the classification according to geothermal indications in a part of the Kubano-Chernomorskaya oblast' with possible oil and gas reserves, etc. The reports of the mineral oil section mainly dealt with production; those of the Docents M. M. Nikanorov, L. M. Umanskiy, V. G. Belikov, of senior instructor A. K. Kozodoy, and of the assistants S. A. Postash and M. M. Aleksandrov concerning the sinking of deep wells met with special interest. Professor G. B. Pykhachev, senior instructor P. M. Shul'ga, and Docent V. T. Mironenko devoted their reports to important questions in underground hydraulics. Senior instructor N. V. Zubkov submitted his designs for a pumping station for deep wells. The paper of Docent A. I. Guzhov on the joint haulage of mineral oil and gas as well as the report of Docent A. N. Parfenov concerning a new apparatus for the automatic measurement of water-drive in oil wakened great interest. Improvements in turbine boring were suggested by Docent L. Ye. Simonyants, the assistants G. P. Derebizov, O. L. Ledyashev and Engineer B.Z.Voltlokhin (NPU "Starogrozneft'"). Docent A. M. Bagayev reported on the magnetic control method in mechanical engineering. The section of petroleum processing was engaged with reporting on laboratory work concerning poly-

Card 2/4

XI. Summarizing scientific...

isobutylene and with the work of Docent A. K. Seleznev and the chief engineer of a mineral oil plant, S. I. Stepuro, on low-viscosity mineral oils. Docent A. P. Grishin reported on the thermodynamic calculation of the activity of hydrocarbon solutions on the basis of supersonic data. The section found the work of the kafedra NZA (Department NZA) (headed by Docent A. A. Kuznetsov and Docent T. S. Minasyan), to improve the petroleum processing plants, of very actual interest. Automatic instruments for the quality control of petroleum products, constructed by the Department of Heat Engineering and Hydraulics under supervision of Docent Z. S. Geller, were recommended for use. The design section was concerned with reports on the irregular settling of loess soil under buildings, calculation of reinforced concrete coatings, etc. 10 reports were submitted by students, amongst others B. S. Gamov, V. D. Sharovarin, A. M. Burov. In addition to the program, Professor Ye. G. Semenido reported on the properties of poly-isobutylene in thickened mineral oils. The concluding plenary session was held on February 4, 1961; on this occasion, assistant M. S. Loginova spoke on the "Marxist-Leninist formation of cadres as the most important means of communist education at the present stage". The delegates made resolutions for the improvement of

Card 3/4

XI. Summarizing scientific...

co-operation between science and practice and for the better specialization of future conference work. The petroleum experts of Krasnodarneft', Stavropol'neft', Dagneft', Severnaya Osetiya, Checheno-Ingushetiya and other rayons took an active part in the conference.

Card 4/4

STETYUKHA, Ye.I.; KOMLEV, A.F.

Regularities in the changes of physical properties of arenaceous-carbonate rocks of the Azov-Kuban Lowland. Izv. vys. ucheb. zav.; neft' i gaz 4 no.2:37-42 '61. (MIRA 15:5)

1. Groznenskiy neftyanoy institut.
(Azov-Kuban Lowland--Boring)

STETYUKHA, Ye.I.

Upper Cretaceous sediments. Izv. vys. ucheb. zav.; neft' i gaz 4 no.6:50 '61. (MIRA 15:1)

(Caucasus, Northern--Petroleum geology)
(Caucasus, Northern--Gas, Natural--Geology)

STETYUKHA, Ye.I., dotsent

Groznyy Petroleum Institute. Neftianik 6 no.4:21-22 Ap '61.
(MIRA 14:8)

1. Groznenskiy ordena Trudovogo Krasnogo Znameni neftyanoy institut.
(Groznyy--Petroleum engineering--Study and teaching)

STETYUKHA, Ye.I.

Groznyy oil field workers improve equipment. Neftianik 6 no.11:24 N '61. (MIRA 14:12)

1. Ispolnyayushchiy obyazannosti zaveduyushchego kafedroy Groznenskogo nauchno-issledovatel'skogo neftyanogo instituta.
(Groznyy Province--Oil well drilling equipment and supplies)

STETYUKHA, Ye.I.

Possible rapid methods for determining the drill ability of rocks. Neft. khoz. 39 no.3:31-35 Mr '61. (MIRA 16:7)

(Rocks—Analysis) (Boring)

[redacted], Kand. tekhn. nauk, [redacted] V.T.

Regularities in the change of the physical properties of rocks in the central and eastern regions of the Russian Platform. Izv. vys. ucheb. zav.; neft' i gaz 5 no.11:35-38 '62. (MIRA 17:6)

1. Groznenskiy neftyanoy institut.

STETYUKHA, Yevgeniy Ivanovich; YUNGANS, S.M., ved. red.; STAROSTINA, L.D., tekhn. red.

[Equations covering the correlations between the physical properties of rocks and the depth of their occurrence] Uravneniia korreliatsionnykh sviazei mezhdu fizicheskimi svoistvami gornykh porod i glubinoi ikh zaleganiia. Moskva, Izd-vo "Nedra," 1964. 133 p. (MIRA 17:3)

L 14473-65 EWT(1) AFFTC GW S/0152/64/000/006/0096/0103

ACCESSION NR: AP4042486

AUTHOR: Sy*chev, N. M.; Stetyukha, Ye. I. B

TITLE: Experience in drilling a borehole 5500 m deep

SOURCE: IVUZ. Neft' i gaz, no. 6, 1964, 96-103

TOPIC TAGS: borehole drilling, deep drilling, oil prospecting

ABSTRACT: The "Groznefterazvedka" trust completed the drilling of the Galyugayevskaya No. 1 borehole in 1963, reaching a USSR record depth of 5500 m. The drilling of this borehole was undertaken for the purpose of investigating the geological section and detecting oil and gas in the Upper and Lower Cretaceous sediments in the region of the Terek River valley. The techniques employed in drilling the borehole during its three stages (at depths of 2590, 4059, and 5500 m) are described in detail. Electrometric operations showed that the temperature at a depth of 5450 m was 182C. In the 5020—5500-m interval, the angle of the curvature of the borehole increased continuously from 4.0 to 19.0 degrees, while the azimuth remained almost unchanged at 65—47 degrees. The experience gained in the process

Card 1/2

L 14473-65
ACCESSION NR: AP4042486

of drilling this borehole will be used later in drilling the Galyuga-yevskaya No. 2 borehole to a depth of 6000 m. Orig. art. has: 4 tables.

ASSOCIATION: Groznenskiy neftyanoy institut (Grozny*y Petroleum Institute)

SUBMITTED: 01Apr64 ENCL: 00

SUB CODE: ES NO REF SOV: 000 OTHER: 000

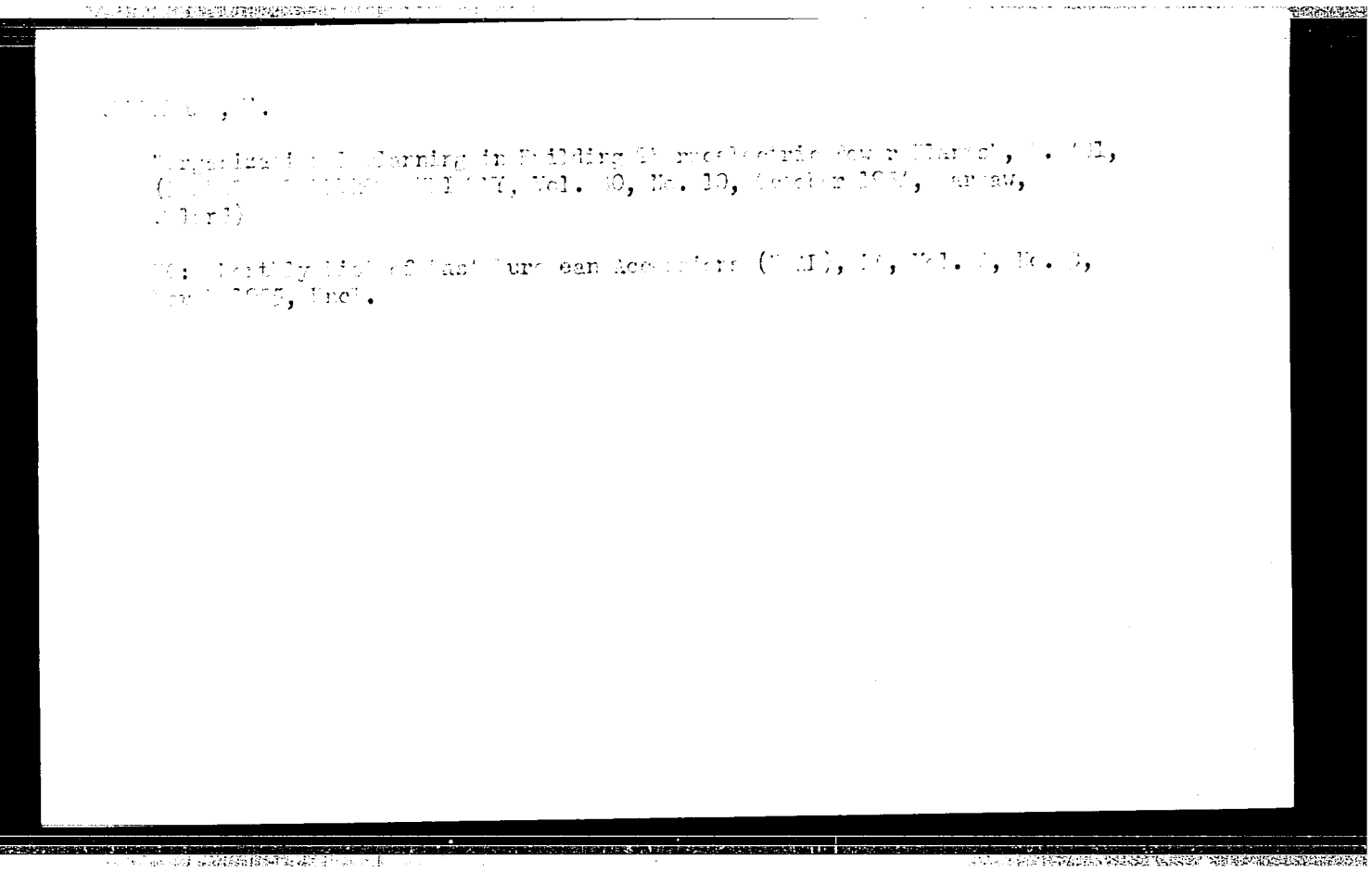
Card 2/2

GONTEA, Iancu; SUTESCU, P.; MIHAILA, I.; STEUERMANN, J.

Effect of carbonated water containing salt on the functional reactions of the body during work in high temperature. Probl. ter., Bucur. 2:133-153 1955.

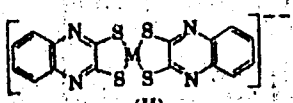
1. Facultatea de igiena si Institut de igiena, Bucuresti.

(HEAT, effects
on funct. reactions of body during work or exercise, eff. of carbonated water containing salt)
(SODIUM CHLORIDE, eff.
on funct. reactions of body during work inhigh temperature, with carbonated water)
(WATER
carbonated water containing salt, eff. on funct. reactions of body during work in high temperature)
(DEHYDRATION
prev. with carbonated water containing salt, in workers in high temperature)



Polarographic and amperometric studies of quinoxaline-2,3-dithiol and its chelate compounds with transition metals. A catalytic effect of nickel chelate. D. B. Stevanović (Inst. Nuclear Sci. "Boris Kidrich," Belgrade, Yugoslavia). *Bull. Inst. Nuclear Sci. "Boris Kidrich"* (Belgrade) 9, 57–67 (1959).—Quinoxaline-2,3-dithiol (I), $4 \times 10^{-4}M$ in $0.5M$ Na tartrate, gave an anodic wave at $E_{1/2} = -0.69$ v., resulting from the oxidn. of the —SH groups, and a cathodic wave at $E_{1/2} = -1.08$ v., caused by the hydrogenation of the pyrazine nucleus. The change in $E_{1/2}$ waves with pH of these was plotted. I in buffered solns. contg. Co(II) or Ni(II) yielded catalytic H waves. Polarograms of $5 \times 10^{-4}M$ $CoCl_2$ in 10 ml. $0.2M$ NH_4 citrate to which increasing amts. of $10^{-3}M$ I soln. were added showed the formation of a max. at −1.35 v., and the formation of a wave shifted to 1.7 v., which was more pos. in potential than the decompn. wave of the electrolyte. The wave heights were fairly proportional to the concn. of added I until the ratio of I:Co reached 2. $NiCl_2$ $4 \times 10^{-4}M$ in $0.2M$ NH_4 citrate behaved similarily except for not giving the max. at approx. −1.35 v., but only an increase in diffusion current. The catalytic wave is approx. ½ the height of that formed by Co. Pptn. amperometric titrations indicate the following I:cation molar ratios in the resp. chelates: Cu, 2:1; Cd, 1:1; Bi, 2:1, Pb, 1:1; and Ag, 1:1. Lloyd Kahn

Spectrophotometric studies of quinoxaline-2,3-dithiol and its chelate compounds with nickel(II), cobalt(II) and palladium(II). D. B. Stevanović and V. O. Drašić (Inst. Nuclear Sci. "Boris Kidrich", Belgrade, Yugoslavia). *Bull. Inst. Nuclear Sci. "Boris Kidrich"* (Belgrade) 9, 69–76 (1959).—Absorption spectra in the 225–500 mμ range of quinoxaline-1,3-dithiol (I) at pH 7.8–pH 11, adjusted with NH_4OH-NH_4Cl buffer solns., and in 0.1*N* NaOH soln., of 2×10^{-4} *M* Ni chelate in 1.43 *M* NH_4OH and in iso-PrOH, and of 5×10^{-4} *M* I in tributyl phosphate and in iso-PrOH, are presented. Job's curves indicate a metal/I ratio of 1:2 for the cations Ni(II), Pd(II) and Co(II). The structure II in which the cation is covalently bonded to I, fits the data derived from the absorption spectra and electromigration and ion exchange expts.



(II)

Lloyd Kahn

Direct spectrophotometric determination of microgram quantities of copper in high-purity uranium with oxaldihydrazide. D. B. Stevančević (Inst. Nuclear Sci. "Boris Kidrich," Belgrade, Yugoslavia). *Z. anal. Chem.* 165, 348-51(1959)(in English).—To det. 2-30 p.p.m. Cu in U metal, dissolve 1 g. in 1:1 HNO_3, evap. almost to dryness, add 4 ml. H_2O and 5 ml. *M* NH_4 citrate soln. (pH 9), and transfer to a 25-ml. volumetric flask. Wash the beaker twice with 2 ml. H_2O. Add 4 ml. concd. NH_4OH, 2 ml. satd. aq. oxaldihydrazide (I), and 4 ml. 40% AcH. Dil. to the mark and measure at 512 mμ after 35 ± 5 min. vs. a blank contg. everything except I and AcH.Co and EDTA interfere. Most common anions and cations do not interfere.

K. G. Stone.

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[illegible] of nickel with 2,4 [illegible] thiosemicarbazide, and [illegible] pH indicator properties. Glas. hem. dr. 28 no.10:531-536 '63.

1. Faculty of Technology at the University of Belgrade, Belgrade.
Submitted November 11, 1963.

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1-phenyl tetrazoline-5-thione as analytical reagent. Pt. 1.
Bul Inst Nucl 12:109-114 O '61.

1. The Institute of Nuclear Sciences "Boris Kidrich," Department of Physical Chemistry, Vinca.

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1. The Institute of Nuclear Sciences "Boris Kidrich," Department of Physical Chemistry, Vinca.

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Bul Inst Nucl 13 no.2:47-63 Jl '62.

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Cytological picture of post-term pregnancy. Med. arh. 18 no.2:73-78 Mr-Je '64.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Sarajevu (Sef: Prof. Jelka Knezevic -- Svarc).

STEVANOVIC, D.

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Vol. 9, No. 9, 1954. TEHNIKA. Beograd, Yugoslavia.

SOURCE: East European Accessions List, (EEAL) Library of Congress, Vol. 5, No. 8, August, 1956.

STEVANOVIC, D.

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STEVANOVIC, D.

Utilization of wind power, p. 1145

TEHNIKA, Beograd, Vol 10, No. 9, 1955

SO: EEAL, Vol 5, No. 7, July 1956

STEVANCEVIC,D.; HAJDUKOVIC,G.

Determination of copper in some materials by the radioactivation analysis; abstract. Glas Hem dr 27 no.9/10:520 '64

1. The Boris Kidric Institute of Nuclear Sciences, Department of Analyses and Metrology, Belgrade-Vinca.

STEVANCEVIC, Dusan, dr inz., visi strucni saradnik (Beograd, Prizrenska 6/II)

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1. Institut za nukearne nauke "Boris Kidric" Beograd-Vinca.

STEVANCEVIC, D. B.

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1. Department of Physical Chemistry, Boris Kidric Institute of Nuclear Sciences, Beograd-Vinca.

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Physical and chemical properties of 1-phenyl-tetrazole-5-thiol. Glas Hem dr 27 no.7/8:367-376 '62

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"Domestic production of motor vehicles and the prospect of its development."

p. 41 (Put I Saobracaj) No. 4, Apr. 1957
Belgrade, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

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p. 50 (Put I Saobracaj) No. 4, Apr. 1957
Belgrade, Yugoslavia

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"The Fair of Transportation Means."

p. 79 (Put I Saobracaj) No. 5/6, May/June 1957
Belgrade, Yugoslavia

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[illegible].

DAVIDOVIC, Solomon; STEVANOVIC, Dobrivoje

On biliary peritonitis consecutive to the perforation of the gallbladder and bile ducts. (Our experience). Srpski arh. celok. lek. 87 no.12:1129-1139 D '59.

1. I. Hirurska klinika Medicinskog Fakulteta Univerziteta u Beogradu, Upravnik: prof. dr Bogdan Kosanovic.
(PERITONITIS etiol.)
(BILIARY TRACT wds. & inj.)

KOSANOVIC, Bogdan; BUKUROV, Stanislav; STEVANOVIC, Dobrivoje

Echinococcosis of the spleen. Srpski arh. celok. lek. 88 no.2: 121-128 F '60.

1. I. Hirurska klinika medicinskog fakulteta univerziteta u Beogradu, Upravnik: prof. dr. Bogdan Kosanovic.
(SPLEEN dis.)
(ECHINOCOCCOSIS case reports)

YUGOSLAVIA / General and Special Zoology. Insects. P
Systematics and Faunistics.

Abs Jour: Ref Zhur-Biol., No 21, 1958, 96374.

Author : Stevanovich, D.
Inst : Not given.
Title : The Study of Acrididae and Tettigonidae of the Golie Mountain.

Orig Pub: Srpska AN, 1953, 31, 51-61.

Abstract: The character of biotypes in the region of the Golie Mountain is described (Southwestern Serbia). The fauna and ecological groups of locust and 5 grasshoppers collected there in 1949-50, their geographical distribution and zoogeographic groups are given. -- From the author's resume.

Card 1/1

4

DAMJANOVIC, R.; STEVANOVIC, D.

Our experiences in the treatment of dermatoses with cortisone and ACTH. Srpski arh. celok. lek. 83 no.7-8:803-808 July-Aug 55.

1. Dermatovenerološka klinika Medicinskog fakulteta u Beogradu.

(CORTISONE, ther. use
skin dis., indic. & results (Ser))
(ACTH, ther. use,
skin dis., indic. & results (Ser))
(SKIN, dis.
ACTH & cortisone (Ser))

STEVANOVIC, Danilo, d-r

Photodynamic activity of sunlight. On a case of dermatitis pratensis. Voj. san. pregl., Beogr. 16 no.7-8:601-604 Jl-Ag '59.

1. Medicinski fakultet u Beogradu, Dermato-veneroloska klinika.
(SUNLIGHT eff. inj.)
(DERMATITIS etiol.)

DAMJANOVIC, Radomir; STEVANOVIC, Danilo

Acanthosis nigricans i karcinom. Srpski arh. celok. lek. 87 no.2:215-219 Feb 59.

1. Dermatovenerološka klinika Medicinskog fakulteta u Beogradu Upravnik: prod. dr Sima Ilic.

(ACANTHOSIS NIGRICANS, compl.
cancer of stomach (Ser))
(STOMACH NEOPLASMS, compl.
acanthosis nigricans (Ser))

DAMJANOVIC,Radomir; PANIC,Jovan; STEVANOVIC,Dacilo

Subcorneal pustular dermatosis. Srpski arh. celok. lek. 87 no.11:1050-1054 N '59.

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STEVANOVIC, D.V.

Urticaria solaris. A clinical and experimental study. Acta med. iugosl. 14 no.2:144-153 '60.
(SUNBURN)

[redacted]

Country: Yugoslavia

[redacted]: None given.

Author: Institute for Nutrition (Institut za Ishranu). Presumed: Veterinary Institute, University of Belgrade

Source: Belgrade, Acta Veterinaria, Vol 11, No 1, 1961, pp 55-58.

[redacted]: "Direct Spectrophotometric Determination of Copper in Biological Samples with Cuproin"

Co-Author:

SREBANOBIVIC, D. V. No academic degrees given, Institute for Nutrition (Institut za Ishranu).

[redacted]

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1. I hirurska klinika Medicinskog fakulteta u Beogradu (Upravnik; prof. dr B. Kosanovic).
(EMBOLISM case reports) (ILIAC ARTERY dis)

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On 3 cases of Reiter's syndrome. Voj.san.pregl. 18 no.2:186-190 F '61.

1. Medicinski fakultet u Beogradu, Dermatovenerološka klinika.

(REITER'S DISEASE case reports)

ILIC, Sima, prof., dr.; STEVANOVIC, Danilo, dr.

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(LEISHMANIASIS MUCOCUTANEOUS case reports)

STEVANOVIĆ, Danilo V

Yugoslavia

Dr

Clinic of Dermatovenerology — Belgrade (Dermatovenerološka klinika Medicinskog Fakulteta — Beograd)

Belgrade, Medicinski pregled, No 8, 1962, pp 485-486.

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IV 10c

5 (Chem) 4E32

Aromatic hydrocarbons in the gasoline fraction of the Lendava oil (Yugoslavia). Giorgje Stefanović, Borivoje Terzić, Ana Sekulić, and Jelena Vasiljević (Prirodno-matematički fakultet, Belgrade, Yugoslavia). *Glasnik Khem. Drushtva, Beograd* 21, 681–93(1956).—Six gasoline fractions of Lendava crude oil were analyzed by various methods; the aniline point, refractive index, and sp. gr. are suitable for the detn. of aromatic hydrocarbons, but S., T., S., and V. recommended the adsorption method as the best and most precise. 34 references. Z. Nikić

Eng

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ABORNIK. Univerzitet. Geoderski institut. Belgrade, Yugoslavia.
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Uncl.